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SOUTHWEST WYOMING

Resource Evaluation

Existing Database Analysis

U.S. Department of the Interior
Bureau of Land Management
Wyoming State Office

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SOUTHWEST WYOMING RESOURCE EVALUATION

EXISTING DATA ANALYSIS

INTRODUCTION

The analysis of existing data bases that relate to the Southwest Wyoming Resource Evaluation (SWRE) area is one of the key elements of the SWRE project. The analysis indicates what data is currently available, what data is available but needs to be digitized, and what data gaps exist. The report will help BLM determine data collection and digitization priorities and facilitate the analysis of significant issues in the area.

The data themes identified for the Green River Resource Management Plan (RMP) were used as the basis of the analysis. A total of 87 data themes were identified in the Green River RMP. Not all of the data themes area are relevant to each of the four resource areas included in the SWRE.

The report contains a list of the data themes, an explanation of each data theme and its format, and indicates which data themes are available in each of the four SWRE resource areas. The available data bases are located in BLM files and were assembled either by BLM or other agencies (e.g., Wyoming Game and Fish Department).

The existing data is in the following formats:

ALMARS - Automated Lands and Minerals Recordation System
AUTOCAD
DIGITAL (GIS-MOSS OR ArcInfo format)
University of Wyoming GAP Vegetation
National Wetlands Inventory
Extrapolated from well data
Mylar
Paper map, reports, master title plats, RMP data bases

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THEME	CONTENTS	GREAT DIVIDE	GREENRIVER	KEMMERER	LANDER	PINEDALE
AC.ACEC	area of environmental concern	D	D	P	N/A	M
AH.ANTELOPEHERD	antelope herd units	D	D	D	D	D
ALLOTMENT	grazing allotment boundaries	M,D	D	M	M	D
AN.ANTELOPE	antelope seasonal use areas	D	D	D	D	D
AQ.ACQUISITIONS	land acquisitions	P,A	D	N/A	N/R	N/A
ATMR	antelope migration routes	D	D	D	D	D
BC.BACKBYWAYS	back country byways	M	D	N/A	N/A	N/A
BOUNDAIRES	administrative boundaries-State,BLM	D	D	D	D	D
BP.BRINEPOT	brine potential	N/A	D	N/A	N/A	N/A
CA.PARMOOSE	moose birthing areas	D	D	D	N/A	D
CB.COUNTYBNDY	county boundaries	D	D	D	D	D
CD.COALMETHDEV	coal bed methane development pot	N/R	D	P	N/A	N/A
CITYX1	Rock Springs expansion area	N/A	D	N/A	N/A	N/A
CM.CMUREVOCATION	classification multiple use revocation	N/A	D	P	N/A	N/A
CO.CORRIDORS	right-of-way corridors	N/A	D	N/A	N/R	N/A
CP.COALLEASE	coal lease areas	N/A	D	P	N/A	N/A
CS.COMMUNICATION	communication sites	P,A	D	P	P	P
CT.CITYTOWNS	city and towns	P	D	P	P	P

	CONTENTS	GREAT DIVIDE	GREENRIVER	KEMMERER	LANDER	PINEDALE
EH.ELKHERD	elk herd units	D	D	D	D	D
EKMR	elk migration routes	D	D	D	D	D
EL.ELK	elk seasonal use area	D	D	D	D	D
FENCES	fences	M,P	D	P	??	D
FI.REP_FIRELOC	represenative fire locations	D	D	D	D	D
FLOODPLAINS	flood prone areas, floodplains	P	D	M	N/A	P,M,D
FM.FLUIDMINPOTENT	fluid mineral potential	P	D	D	M	M,D?
FZ.FMZ	fire mangement zones	D	D	D	D	D
GL.GEOHAZARDS1	fault lines	P	D	P	P	P
GP.GEOHAZARDS1	windblown sands,landslide areas	P	D	P	P?	P
GR.GEOTHRES	geothermal resources	P	D	P	P	N/A
GS.GEOHAZARDS3	H2S wells	M	D	D3	N/A	D3,P
GW.GROUNDWATER	ground water recharge area	P	D	P	P	N/A
HISTORIC.TRAILS	historic trails	P	D	P	M	D,M
HS.HISTORICSITE	historic sites	P	D	P	P,N/A	M,D
KR.KRCRA	known recoverable coal resource area	P	D	P	N/A	N/A
KS.KSLA	known sodium lease area	P	D	P	N/A	N/A
LANDLINES	landnet,township and section lines	D	D	D	D	D
LD.LANDDISPOSAL	lands that may be disposed of	P	D	P	N/A	P,M

[illegible]	CONTENTS	GREAT DIVIDE	GREENRIVER	KEMMERER	LANDER	PINEDALE
MC.MININGCLAIM	mining claims	P,A	D,A	P,A	P,A	A
MDMR	mule deer migration routes	D	D	D	D	D
ME.MINES	mine sites	P	D	P	P	N/A
MH.MOOSE	moose seasonal use area	D	D	D	D	D
ML.MULEDEERHERD	mule deer herd units	D	D	D	D	D
MN.MINEPERMIT	mine permit areas	P	D	AC	P	N/A
MO.MOOSEHERD	moose herd units	D	D	D	D	D
MP.MINMATPOT	mineral material potential	P	D	P	P	N/A
MR.MAJORESERVOIR	major reservoirs, lakes	D	D	D	D	D
MS.MINMATSITES	mineral material sites	P	D	P	P	P
MSMR	moose migration routes	D	D	D	D	D
MU.MULEDEER	mule deer seasonal use areas	D	D	D	D	D
OM.PROPOGMGMT	proposed oil & gas management	P	D	N/A	N/A	N/A
OP.OGPOTENTIAL	oil & gas potential	P	D	D3	M	M,D3
OS.RECREATION	recreation opportunity spectrum	N/A	D	N/A	M	M
OW.OILSHALEWA	oil shale withdrawal area	P	D	P	N/A	M,P
PAR.ELK	elk birthing areas	D	D	D	D	D
PC.COALPOTENTIAL	coal potential	M	D	P	P	N/A
PL.PLANTS	industrial plant areas	N/A	D	P	N/A	P

	CONTENTS	GREAT DIVIDE	GREEN RIVER	KEMMERER	LANDER	PINEDALE
PM.PARMULED	mule deer birthing areas	D	D	D	D	D
PN.PALEONRES	paleontological resources	P	D	P	P	P
PO.ACECPROP	proposed area of environmental con	N/A	D	N/A	N/A	N/A
PP.PUBLICPURPOSE	recreation & public purpose lands	A	D	P	N/A	P
PW.PROPWILDERNESS	proposed wilderness areas	P	D	N/A	N/A	M
PZ.PRECIPZONE	precipitation zones	P	D	P	N/R	N/A
R.OWNERSHIP	mineral & surface ownership	D	D	D	D	D
RA.RAPTORS	raptor nesting sites	D	D	P	P	P
RE.RECREATION	recreation sites:snowmobile,hiking trails	M	D	P	P	M,P
RI.RANGEIMPROVE	range improvements: pipelines,reservoirs,springs,wells	M	D	P	P	D
RL.ROW	railroads, pipelines, powerlines	A	D	N/P	P	P
SB.SUBSURFFCMD	federal coal mgmt decision-subsurface	P	D	P	N/A	N/A
SD.SODIUMLA	sodium lease areas	P	D	AC	N/A	N/A
SF.SURFFCMD	federal coal mgmt decisions-surface	P	D	P	N/A	N/A
SG.SAGEGROUSE	sage grouse lek areas	M	D	M	P	M,D
SM.SPECMGMTAREA	special mgmt area - Red Desert WA	P	D	N/A	N/A	N/A
SOILS	soil types	D	D	D	P	D
SZ.SWDISPOSAL	solid waste disposal	A	D	P	N/A	P

	CONTENTS	GREAT DIVIDE	GREENRIVER	KEMMERER	LANDER	PINEDALE
TI.TIMBER	timber stand data	P	D	M	D	D
TP.SODIUMDEVPOT	sodium development potential	P	D	P	N/A	N/A
TR.TRANSPORTATION	roads	D	D	P	D	D
TV.TEVEG	threatened & endangered vegetation	D	D	D	D	D
VN.VEGETATION	vegetation	D1	D,D1	D1	M,D1	D,D1
VR.VRM	visual resource management areas	M	D	M	M	M,D
WD.WITHDRAWALS	land withdrawals	A	D,A	P,A	A	P,A
WH.WILDHORSE	wild horse herd units	M	D	N/A	M	N/A
WL.WATER	rivers.streams	D	D	N/R,D2	D	D
WP.WATER	reservoirs,ponds,lakes,springs	D	D	N/R,D2	D2	D
WR.PUBWATRES	public water reserves	P	D	P	N/A	P
WSA	wilderness study area	P,D	D	P	N/A	M

LEGEND

A = ALMRS
AC = AutoCad
D = Digital (GIS-MOSS or ArcInfo format)
D1 = University of Wyo Gap Vegetation
D2 = National Wetlands Inventory
D3 = Will be extrapolated from well data.
M = Mylar
NA = Not applicable, None
NR = No data available at this time from the field level, but there may be from another source.
P = Paper Map, Report, Master Tilte Plats, RMP

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